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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/807,101	03/24/2004	Ian Richard Beaumont	00169.101769.	2522

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NEW YORK, NY 10112

EXAMINER

YANG, ANDREW GUS

ART UNIT	PAPER NUMBER
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2671

DATE MAILED: 02/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/807,101

Applicant(s)

BEAUMONT, IAN RICHARD

Examiner

Andrew Yang

Art Unit

2671

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 24 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Curtin et al. (U.S. Patent No. 4,737,980).

With respect to claim 1 and 13, Curtin et al. disclose a method for forming character strings from a plurality of alphanumeric characters (column 3, lines 59-62). A computer receives the first signal generated by the depression of an alphanumeric keyboard key, recognizes the first signal, and generates a best guess of the desired alphanumeric character according to a predetermined algorithm (column 3, lines 42-48). It is deemed inherent that the best guess character is the character (or object) of highest priority, because this is the first character generated by the algorithm. Each key represents four alphanumeric characters (column 3, lines 40-41), thus forming an associated object group type. It is deemed inherent that the computer detects whether a received character forms part of an object group of said associated object group type and receives a notification whether said received object forms part of said object group because the four alphanumeric characters of a group appear in displays 11, 12, 13, and 14 in Fig. 1 (column 3, lines 41-42) after a key is depressed. If the guess displayed by display 11 is correct, control key 19 in Fig. 1 is pressed and the character is stored in a

buffer and displayed at the end of a series of previous choices by display 16 in Fig. 1, forming a list of characters. Pressing the control key a second time at this point causes the string of alphanumeric characters to be output on display 16 (column 3, lines 55-60).

With respect to claims 2-5, 8-12, and 14, Curtin et al. disclose the method as in claim 1. It is deemed inherent that the outputting step outputs the object group in said list of a type associated with the detection scheme with a highest priority because the algorithm selects the character of the object group with highest priority. The received object is inherently a potential member as it is chosen from one of four alphanumeric characters on the depressed key. All four alphanumeric characters are output on displays 11, 12, 13, and 14, in Fig. 1 (column 3, lines 41-42), so received objects are displayed even if not selected by the algorithm to form an object group. Previously received objects are not displayed on display 16 unless the object is the correct character (column 3, lines 55-59).

With respect to claim 6, Curtin et al. disclose the method as in claim 5, wherein previously received objects are output individually in displays 11, 12, 13, and 14 in Fig. 1 (column 3, lines 41-42), and as a group in display 16 (column 3, lines 59-60), depending on whether the received object is a correct character.

With respect to claim 7, Curtin et al. disclose a system for forming character strings from a plurality of alphanumeric characters (column 3, lines 59-62). A computer receives the first signal generated by the depression of an alphanumeric keyboard key, recognizes the first signal, and generates a best guess of the desired alphanumeric character according to a predetermined algorithm (column 3, lines 42-48). It is deemed

inherent that the best guess character is the character (or object) of highest priority, because this is the first character generated by the algorithm. Each key represents four alphanumeric characters (column 3, lines 40-41), thus forming an associated object group type. It is deemed inherent that the computer contains a managing module for describing a received object and receiving a notification whether said received object forms part of said object group because the received object and its object group must be known in order for the four alphanumeric characters of a group to appear in displays 11, 12, 13, and 14 in Fig. 1 (column 3, lines 41-42) after a key is depressed. If the guess displayed by display 11 is correct, control key 19 in Fig. 1 is pressed and the character is stored in a buffer and displayed at the end of a series of previous choices by display 16 in Fig. 1, forming a list of characters. Pressing the control key a second time at this point causes the string of alphanumeric characters to be output on display 16 (column 3, lines 55-60). It is deemed inherent that the computer contains a rendering module to output characters to the display 16.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following patents are cited to further show the state of the art with displaying computer graphics objects:

U.S. Patent No. 6,320,595 to Simons et al. for displaying objects composed of points, text, and polygons

U.S. Patent No. 6,343,309 to Clarke et al. for receiving graphics primitives, such as lines, points, polygons, text, or polyhedra for display.

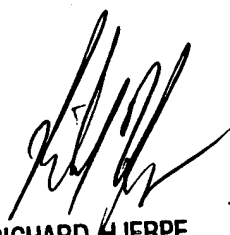
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Yang whose telephone number is (571) 272-5514. The examiner can normally be reached on 8:30-5 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ulka Chauhan can be reached on (571) 272-7782. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AGY

1/30/06

  
RICHARD HJERPE 2/1/06  
SUPERVISORY PATENT EXAMINER  
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